

ArcGIS 9 and Trimble GPS Training Class Itinerary

(May 9 – 13, 2005)

Monday, May 9 (GPS Review, Pathfinder Office SW, Data Dictionaries, & Data Collection)

8:00am: Introductions and Class Overview

8:30 – 9:30am: GPS Technology Review [\[Vicki\]](#)

What it is and how the technology works

GPS Receiver Types

Basic Configuration Settings Explained

Break

10:00am – Noon: GPS Preparations

Data Management & Project Management [\[ifer\]](#)

Data Dictionaries [\[ifer\]](#)

Data Collection Techniques [\[Vicki\]](#)

Data Transfer → Upload Data Dictionary to GPS [\[ifer\]](#)

Lunch

1:00 – 3:30pm: GPS Data Collection [\[different team leads for each Trimble Receiver\]](#)

Goals for each team lead:

Configuration/Setup Settings

Create a New Rover file

Collect points, lines, & polygons

Update function

Map function

Offset function

Repeat function

Receiver File Management options

3:30 – 5:00pm: Data Transfer → Download GPS Rover Files to PC [\[ifer\]](#)

Tuesday, May 10 (GIS Review, GIS Inventory, & Simple Map Making)

8 – 9:30am: Introduction to ArcGIS 9 [\[module 1- ifer\]](#)

Break

10:00am – Noon: Review Local Spatial Information [\[module 2 – ifer\]](#)
GIS Data Management
Displaying/Manipulating Spatial Info with ArcGIS 9

Lunch

1:00 – 3:00pm: Making a Thematic Map [\[module 3 – ifer\]](#)

Break

3:30pm – 5:00pm: Making a Thematic Map (continued) [\[module 3 – ifer\]](#)

Wednesday, May 11 (GPS PostProcessing, Selecting/Displaying Features, & Working with Attributes)

8:00 – 9:30am: GPS PostProcessing
Quick data review in PF Office SW [\[Nancy\]](#)
Differential Correction [\[Vicki\]](#)
Export Data to GIS Format [\[Vicki\]](#)

Break

10:00am – Noon: Selecting and Displaying Features [\[module 4 - ifer\]](#)

Lunch

1:00 – 3:00pm: Displaying and Manipulating Attribute Data [\[module 5 - ifer & Vicki\]](#)

Break

3:30 – 5:00pm: Displaying and Manipulating Attribute Data (continued) [\[module 5 - ifer & Vicki\]](#)

Optional Session

5:30 – 6:30pm: ArcPad (What it is and a brief demo)

Thursday, May 12 (Other Data Types, Editing, Projecting, Bookmarks, GeoProcessing, and Metadata)

8:00 – 9:30 am: Working with Images, Editing, Projecting, & Bookmarks) [[module 6 - ifer](#)]

Break

10am – Noon: GeoProcessing [[module 7 - Vicki](#)]

Lunch

1:00 – 3:00pm: Metadata [[Nancy](#)]

Break

3:30 – 5:00pm: Metadata (continued) [[Nancy](#)]

Friday, May 13 (Posting Metadata, GIS Data Mining, & Wrap-up)

8:00 – 9:30 am: NPS NR GIS Metadata and Data Store [[Danelle & Lisa](#)]

Break

10:00 – 11:30am: GIS Data Mining [[Vicki](#)]

11:30am – Noon: Wrap-up